

## CLAIMS

1. A silver alloy for use in a reflective film, comprising silver as a main element and at least one element as a first dopant element higher than silver  
5 in melting point.

2. The silver alloy for use in a reflective film according to claim 1, wherein the first dopant element is at least any one of nickel and molybdenum.

10 3. The silver alloy for use in a reflective film according to claim 1, wherein the first dopant element is at least any one of copper, cobalt, titanium, scandium, yttrium, manganese, silicon, iron, zirconium, niobium, tantalum and tungsten.

15 4. The silver alloy for use in a reflective film according to any one of claims 1 to 3, comprising as a second dopant element at least one element selected from gallium, thulium and dysprosium.

20 5. The silver alloy for use in a reflective film according to any one of claims 1 to 3, comprising as the second dopant element at least one element selected from platinum, palladium, magnesium, zinc, terbium, gadolinium and erbium.

25 6. The silver alloy for use in a reflective film according to any one of claims 1 to 3, comprising as the second dopant element at least one element selected from gold, aluminum, neodymium, holmium, tin, bismuth and praseodymium.

7. The silver alloy for use in a reflective film according to any one of claims 1 to 3, comprising as the second dopant element at least one element selected from germanium, indium, samarium, ytterbium, strontium, boron, rhodium, iridium, ruthenium, chromium, lead, calcium, antimony, hafnium, lanthanum, cerium and europium.
8. The silver alloy for use in a reflective film according to any one of claims 1 to 7, wherein a total of the concentration of the first dopant element and the concentration of the second dopant element are 0.01 to 5.0 atomic %.
9. The silver alloy for use in a reflective film according to claim 8, wherein the total of the concentration of the first dopant element and the concentration of the second dopant element are 0.01 to 3.5 atomic %.
10. A sputtering target, comprising the silver alloy as defined in any one of claims 1 to 9.